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OM nucleic - nucleic search, using sw model

Run on: September 3, 2002, 02:41:25 : Search time 2015.08 seconds
(without alignments)
228.469 Million cell updates/sec

Title: US-09-802-359B-1

Perfect score: 22

Sequence: 1 tgactgtgaacgttcgagatga 22

Scoring table: IDENTITY-NUC
Gapop 10.0, Gapext 1.0

Searched: 1797656 seqs, 10463268293 residues

Total number of hits satisfying chosen parameters: 3595312

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : GenEmbl:
1: gb_ba:*
2: gb_hlg:*
3: gb_in:*
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5: gb_ov:*
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31: em_hlg_inv:*
32: em_hlg_other:*
33: em_hlgo_inv:*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result Query Match Length DB ID Description

1	22	100.0	22	6	AX036945	AX036945 Sequence
2	22	100.0	22	6	AX046993	AX046993 Sequence
3	22	100.0	22	6	AX083675	AX083675 Sequence
4	22	100.0	22	6	AX135650	AX135650 Sequence
5	22	100.0	22	6	AX148636	AX148636 Sequence
6	22	100.0	22	6	AX250701	AX250701 Sequence
7	22	100.0	22	6	AX252291	AX252291 Sequence
8	22	100.0	22	6	AX252509	AX252509 Sequence
9	22	100.0	22	6	AX252520	AX252520 Sequence
10	22	100.0	22	6	AX252934	AX252934 Sequence
11	22	100.0	22	6	AX253113	AX253113 Sequence
12	22	100.0	22	6	AX253123	AX253123 Sequence
13	22	100.0	22	6	BD009235	BD009235 Immunost
14	21.2	96.4	22	6	AX250707	AX250707 Sequence
15	21	95.5	22	6	AX083681	AX083681 Sequence
16	21	95.5	22	6	AX148642	AX148642 Sequence
17	21	95.5	22	6	AX252297	AX252297 Sequence
18	21	95.5	22	6	AX252515	AX252515 Sequence
19	21	95.5	22	6	AX252526	AX252526 Sequence
20	21	95.5	22	6	AX252940	AX252940 Sequence
21	21	95.5	22	6	AX253119	AX253119 Sequence
22	21	95.5	22	6	AX253129	AX253129 Sequence
23	20.4	92.7	22	6	AR148608	AR148608 Sequence
24	20.4	92.7	22	6	AX036946	AX036946 Sequence
25	20.4	92.7	22	6	AX083676	AX083676 Sequence
26	20.4	92.7	22	6	AX148637	AX148637 Sequence
27	20.4	92.7	22	6	AX148639	AX148639 Sequence
28	20.4	92.7	22	6	AX250702	AX250702 Sequence
29	20.4	92.7	22	6	AX250704	AX250704 Sequence
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33	20.4	92.7	22	6	AX252510	AX252510 Sequence
34	20.4	92.7	22	6	AX252512	AX252512 Sequence
35	20.4	92.7	22	6	AX252521	AX252521 Sequence
36	20.4	92.7	22	6	AX252523	AX252523 Sequence
37	20.4	92.7	22	6	AX252935	AX252935 Sequence
38	20.4	92.7	22	6	AX252937	AX252937 Sequence
39	20.4	92.7	22	6	AX253114	AX253114 Sequence
40	20.4	92.7	22	6	AX253116	AX253116 Sequence
41	20.4	92.7	22	6	AX253124	AX253124 Sequence
42	20.4	92.7	22	6	AX253126	AX253126 Sequence
43	20.2	91.8	22	6	AX148643	AX148643 Sequence
44	20.2	91.8	22	6	AX252527	AX252527 Sequence
45	20.2	91.8	22	6	AX252527	AX252527 Sequence

ALIGNMENTS

RESULT 1
AX036945 AX036945 22 bp DNA linear
DEFINITION Sequence 2 from Patent FR2790955.
ACCESSION AX036945
VERSION AX036945.1 GI:11226373

SOURCE
ORGANISM synthetic construct.
synthetic construct.
artificial sequence.
REFERENCE 1 (bases 1 to 22)
AUTHORS Carpenter A.
JOURNAL Patent: FR 2790955-A 2 22-SEP-2000;
ASSIST PUBL HOPITAUX DE PARIS (FR)
FEATURES
source location/Qualifiers
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/organism="synthetic construct"
/db_xref="taxon:32630"
/note="oligonucleotide"

BASE COUNT 6 a 3 c 7 g 6 t

SUMMARIES

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OY 1 tgactgtgaacgttcgagatga 22
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Db 1 TGACTGTGAACGTCGAGATGA 22

RESULT 2
AX046993 AX046993 22 bp DNA linear PAT 15-DEC-2000

LOCUS AX046993
DEFINITION Sequence 2 from Patent WO0067787.

ACCESSION AX046993
VERSION AX046993.1 GI:11876420

KEYWORDS synthetic construct.

SOURCE

ORGANISM synthetic construct.

REFERENCE 1 (bases 1 to 22)

AUTHORS Moss, R.B.

TITLE HIV immunogenic compositions and methods

JOURNAL Patent: WO 0067787-A 2 16-NOV-2000;

THE IMMUNE RESPONSE CORPORATION (US)

FEATURES Location/Qualifiers

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/organism="synthetic construct"

/db_xref="taxon:32630"

/note="phosphorothioate-modified synthetic

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BASE COUNT 6 a 3 c 7 g 6 t

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Db 1 TGACTGTGAACGTCGAGATGA 22

RESULT 3
AX083675 AX083675 22 bp DNA linear PAT 28-FEB-2001

LOCUS AX083675
DEFINITION Sequence 1 from Patent WO0112223.

ACCESSION AX083675
VERSION AX083675.1 GI:13185407

KEYWORDS synthetic construct.

SOURCE synthetic construct.

ORGANISM synthetic construct.

REFERENCE 1 (bases 1 to 22)

AUTHORS van Nest, G.

TITLE Methods of modulating an immune response using immunostimulatory s

JOURNAL Patent: WO 0112223-A 1 22-FEB-2001;

Dynavax Technologies Corporation (US)

FEATURES Location/Qualifiers

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BASE COUNT 6 a 3 c 7 g 6 t

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OY 1 tgactgtgaacgttcgagatga 22
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Db 1 TGACTGTGAACGTCGAGATGA 22
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RESULT 4
AX135650 AX135650 22 bp DNA linear PAT 29-MAY-2001

LOCUS AX135650
DEFINITION Sequence 21 from Patent WO0132877.

ACCESSION AX135650
VERSION AX135650.1 GI:14271920

KEYWORDS synthetic construct.

SOURCE synthetic construct.

ORGANISM synthetic construct.

REFERENCE 1 (bases 1 to 22)

AUTHORS Mackichan, M.L.

TITLE Cpg receptor (cpg-r) and methods relating thereto

JOURNAL Patent: WO 0132877-A 21 10-MAY-2001;

CHIRON CORPORATION (US)

FEATURES Location/Qualifiers

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/note="Cpg oligonucleotide"

BASE COUNT 6 a 3 c 7 g 6 t

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Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tgactgtgaacgttcgagatga 22
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Db 1 TGACTGTGAACGTCGAGATGA 22

RESULT 5
AX148636 AX148636 22 bp DNA linear PAT 08-JUN-2001

LOCUS AX148636
DEFINITION Sequence 1 from Patent WO0135991.

ACCESSION AX148636
VERSION AX148636.1 GI:14347254

KEYWORDS synthetic construct.

SOURCE synthetic construct.

ORGANISM synthetic construct.

REFERENCE 1 (bases 1 to 22)

AUTHORS Tuck, S. and van Nest, G.

TITLE Immunomodulatory compositions containing an immunostimulatory

JOURNAL Sequence linked to antigen and methods of use thereof

Patent: WO 0135991-A 1 25-MAY-2001;

Dynavax Technologies Corporation (US)

FEATURES Location/Qualifiers

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/note="synthetic construct"

BASE COUNT 6 a 3 c 7 g 6 t

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Best Local Similarity 100.0%; Pred. No. 0.25;

Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TGACTGTGAACGTCGAGATGA 22

RESULT 6
AX250701

LOCUS AX250701 22 bp DNA linear PAT 06-OCT-2001
DEFINITION Sequence 1 from Patent WO0168078.
ACCESSION AX250701
KEYWORDS AX250701.1 GI:15984439
SOURCE synthetic construct.
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest,G.
TITLE Methods of suppressing hepatitis virus infection using immunomodulatory polynucleotide sequences
JOURNAL Patent: WO 0168078-A 1 20-SEP-2001;
DynaVax Technologies Corporation (US)
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/db_xref="taxon:32630"
BASE COUNT 6 a 3 c 7 g 6 t
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Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 tgactgtgaacgttcgagatga 22
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Db 1 TGACTGTGAACGTTGAGATGA 22

RESULT 7
LOCUS AX252291 22 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 1 from Patent WO0168117.
ACCESSION AX252291
VERSION AX252291.1 GI:15985632
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest,G.
TITLE Methods of reducing papillomavirus infection using immunomodulatory polynucleotide sequences
JOURNAL Patent: WO 0168117-A 1 20-SEP-2001;
DynaVax Technologies Corporation (US)
FEATURES
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/db_xref="taxon:32630"
/note="Polynucleotide containing CG"
BASE COUNT 6 a 3 c 7 g 6 t
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Oy 1 tgactgtgaacgttcgagatga 22
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Db 1 TGACTGTGAACGTTGAGATGA 22

RESULT 8
LOCUS AX252509 22 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 1 from Patent WO0168103.
ACCESSION AX252509
VERSION AX252509.1 GI:15985780
KEYWORDS
SOURCE synthetic construct.

ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest,G.
TITLE Methods of ameliorating symptoms of herpes infection using immunomodulatory polynucleotide sequences
JOURNAL Patent: WO 0168103-A 1 20-SEP-2001;
DynaVax Technologies Corporation (US)
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BASE COUNT 6 a 3 c 7 g 6 t
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Oy 1 tgactgtgaacgttcgagatga 22
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Db 1 TGACTGTGAACGTTGAGATGA 22

RESULT 9
LOCUS AX252520 22 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 1 from Patent WO0168144.
ACCESSION AX252520
VERSION AX252520.1 GI:15985791
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest,G. and Tuck,S.
TITLE Biodegradable immunomodulatory formulations and methods for use thereof
JOURNAL Patent: WO 0168144-A 1 20-SEP-2001;
DynaVax Technologies Corporation (US)
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Db 1 TGACTGTGAACGTTGAGATGA 22

RESULT 10
LOCUS AX252934 22 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 1 from Patent WO0168143.
ACCESSION AX252934
VERSION AX252934.1 GI:15986201
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest,G. and Tuck,S.
TITLE Immunomodulatory formulations and methods for use thereof

JOURNAL Patent: WO 0168143-A 1 20-SEP-2001.
FEATURES Dynavax Technologies Corporation (US)
SOURCE 1. .22
Location/Qualifiers
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BASE COUNT 6 a 3 c 7 g 6 t
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Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tgactgtgaacgttcgagatga 22
|||||
Db 1 TGA CTGTGAACGTT CGAGATGA 22

RESULT 11
AX253113 22 bp DNA linear PAT 05-OCT-2001
LOCUS
DEFINITION Sequence 1 from Patent WO0168116.
ACCESSION AX253113
VERSION AX253113.1 GI:15986281
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest, G.
TITLE Methods of preventing and treating respiratory viral infection usi
ng immunomodulatory polynucleotide sequences
JOURNAL Patent: WO 0168116-A 1 20-SEP-2001;
Dynavax Technologies Corporation (US)
FEATURES Location/Qualifiers
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/note="Polynucleotide containing CG"
BASE COUNT 6 a 3 c 7 g 6 t
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OY 1 tgactgtgaacgttcgagatga 22
|||||
Db 1 TGA CTGTGAACGTT CGAGATGA 22

RESULT 12
AX253123 22 bp DNA linear PAT 05-OCT-2001
LOCUS
DEFINITION Sequence 1 from Patent WO0168077.
ACCESSION AX253123
VERSION AX253123.1 GI:15986291
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest, G.
TITLE Methods of preventing and treating viral infections using
immunomodulatory polynucleotide sequences
JOURNAL Patent: WO 0168077-A 1 20-SEP-2001;
Dynavax Technologies Corporation (US)
FEATURES Location/Qualifiers
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/db_xref="taxon:32630"
/note="Polynucleotide containing CG"
BASE COUNT 6 a 3 c 7 g 6 t
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Best Local Similarity 100.0%; Pred. No. 0.25;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tgactgtgaacgttcgagatga 22
|||||
Db 1 TGA CTGTGAACGTT CGAGATGA 22

RESULT 13
BD009235 22 bp DNA linear PAT 31-JAN-2002
LOCUS
DEFINITION Immunostimulatory polynucleotide/immunomodulatory molecule
conjugates.
ACCESSION BD009235
VERSION BD009235.1 GI:18637608
KEYWORDS JP 2001503254-A/34.
SOURCE synthetic construct.
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 22)
AUTHORS Carson, D.A., Raz, E. and Roman, M.
TITLE Immunostimulatory polynucleotide/immunomodulatory molecule
JOURNAL Patent: JP 2001503254-A 34.13-MAR-2001;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
COMMENT OS Artificial Sequence
PN JP 2001503254-A/34
PD 13-MAR-2001
PE 09-OCT-1997 JP 1998518649
PR 11-OCT-1996 US 60/028118
PT DENNIS A CARSON, EYAL RAZ, MARK ROMAN
PC A61K39/00, A61K39/385, A61K39/39
CC
FH Key
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OY 1 tgactgtgaacgttcgagatga 22
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Db 1 TGA CTGTGAACGTT CGAGATGA 22

RESULT 14
AX250707 22 bp DNA linear PAT 05-OCT-2001
LOCUS
DEFINITION Sequence 7 from Patent WO0168078.
ACCESSION AX250707
VERSION AX250707.1 GI:15984445
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 22)
AUTHORS van Nest, G.
TITLE Methods of suppressing hepatitis virus infection using
immunomodulatory polynucleotide sequences

JOURNAL Patent: WO 0168078-A 7 20-SEP-2001;
 Dynavax Technologies Corporation (US)
 FEATURES Location/Qualifiers
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OY 1 tgactgtgaacgttcgagatga 22
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 Db 1 TGACTGTGAABGTTCGAGATGA 22

RESULT 15

AX083681
 LOCUS AX083681 22 bp DNA linear PAT 28-FEB-2001
 DEFINITION Sequence 7 from Patent WO0112223.
 ACCESSION AX083681
 VERSION AX083681.1 GI:13185413
 KEYWORDS
 SOURCE synthetic construct.
 ORGANISM synthetic construct
 artificial sequence.

REFERENCE 1 (bases 1 to 22)
 AUTHORS van Nest,G.

TITLE Methods of modulating an immune response using immunostimulatory s
 sequences and compositions for use therein
 JOURNAL Patent: WO 0112223-A 7 22-FEB-2001;
 Dynavax Technologies Corporation (US)
 FEATURES Location/Qualifiers
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BASE COUNT 6 a 2 c 7 g 6 t 1 others
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Search completed: September 3, 2002, 04:24:03
 Job time: 6158 sec

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